

IN THE CLAIMS

Please amend the claims as follows (Marked-up copies of the amended claims are attached to the Appendix):

- a
3. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is simultaneously able to carry out a plurality of movements each corresponding to one degree of freedom.
 4. (Amended) Apparatus in accordance with claim 1, characterised in that movements of the measuring device (1) each corresponding to a degree of freedom can be carried out one after the other timewise.
 5. (Amended) Apparatus in accordance with claim 1, characterised in that the measuring device (10) is movable along two longitudinal axes (x, y, z) preferably extending perpendicular to one another.
 6. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is movable along three longitudinal axes (x, y, z) which preferably respectively extend pair-wise perpendicular to one another.
 7. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is movable in the longitudinal direction of the material web (11) perpendicular to the direction of movement of the web and/or vertically.
 8. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is movable by the execution of a plurality of linear movements, preferably two or three linear movement respectively extending pair-wise

perpendicular to one another, along a curve in space which can be preset as desired.

9. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is rotatable about two axes (x, y, z) which
preferably extend perpendicular to one another.
- a 10. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is rotatable about three axes (x', y', z') which
preferably respectively extend pair-wise perpendicular to one another.
11. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) can be oriented in any desired manner in
space by executing a plurality of rotary movements, preferably two or three rotary
movements about axes (x', y', z') which extend perpendicular to one another.
12. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) can be moved along any desired presettable
curve in space and can be oriented in any desired manner in space by executing a plurality
of linear movements and rotary movements which take place simultaneously and/or after one
another timewise.
13. (Amended) Apparatus in accordance with claim 1,
characterised in that the orientation of at least one longitudinal axis (x, y, z) of the measuring
device (10) in space can be changed.
14. (Amended) Apparatus in accordance with claim 1,
characterised in that the orientation of at least one rotational axis (x', y', z') of the measuring

device (10) can be changed in space.

- a
15. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is movable relative to a stationary frame or beam.
 16. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is attached, in particular movably attached, to a frame (12) or beam (19, 22, 28, 36) movable relative to a machine.
 17. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is movably attached to the machine.
 18. (Amended) Apparatus in accordance with claim 1,
characterised in that it is provided in the form of a mobile unit which can be used at different positions of a machine.
 19. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is movable via a joint (14), in particular a ball joint, which enables a pivotal movement in at least one plane.
 20. (Amended) Apparatus in accordance with claim 1,
characterised in that at least one measurement location is provided compatible with a plurality of different measuring devices (10), in particular measuring devices provided in the form of exchangeable measuring heads.
 21. (Amended) Apparatus in accordance with claim 1,
characterised in that a plurality of measuring devices (10), in particular provided in the form

of interchangeable measuring heads, can be combined into one unit.

a 22. (Amended) Apparatus in accordance with claim 1,
characterised in that at least one measurement location compatible with different measuring
devices (10) and/or a plurality of measuring devices (10, which are in particular
interchangeable, are provided for the detection of data relating to different measured
parameters.

23. (Amended) Apparatus in accordance with claim 1,
characterised in that at least one common operation unit, in particular a control unit, drive
unit, supply unit, data detection unit and/or evaluation unit, is associated with the measuring
devices (10).

24. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is attached to a frame (12) which preferably
extends transverse to the web running direction beneath the machine or over the machine,
in particular in the region of a dryer cylinder (16) and/or a dryer roll (42) of a paper making
machine which is preferably supported on both sides of the machine.

25. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is attached to a beam (13) which preferably
projects in the vertical direction or transverse to the web running direction into the machine,
in particular into the dryer section of a paper making machine.

26. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is movable beneath the machine, in particular

in the cellar of a dryer section of a paper making machine.

- a
27. (Amended) Apparatus in accordance with claim 1,
characterised in that a protective device is provided which protects the measuring device
(10), in particular from downwardly falling articles, and which is preferably formed by a
scraper (44) and/or a sheet metal shield (46).
28. (Amended) Apparatus in accordance with claim 1,
characterised in that an electrical, pneumatic and/or hydraulic drive is provided for the
measuring device (10).
29. (Amended) Apparatus in accordance with claim 1,
characterised in that the measuring device (10) is manually movable.

REMARKS

Entry of the foregoing replacement sheets and amendment to the claims upon which the
International Preliminary Examination Report is based is respectfully requested.